

Eco-Products “GeoCap”

Nichicon promotes environmentally conscious practices.

Nichicon offers “GeoCap”, which has completely lead free terminals and contains no polyvinyl chloride in the sleeve.

■ Decoupling Device for High Frequency

Type · Classification		Series	Lead-Free Compliance	Anti Polyvinyl Chloride Compliance	Page
Surface Mount type	Resin-Molded type	F11, F18	Complied	Complied	326 ~

Corresponding to RoHS Directive

		Decoupling Device for High Frequency	
		F11	F18
Corresponding to RoHS Directive		Complied	Complied
Material	The portion of the components	Does not contain	Does not contain
Lead (Pb)	Plating on terminals	Au	Sn
	Structural component	Does not contain	Does not contain
	Construction of terminal	Cu / Ni / Au	Cu / Ni / Sn
		Plating thickness 0.05μm Plating type matte No heat treatment after plating	Plating thickness 3μm Plating type matte No heat treatment after plating
		Solderability Shear strength	No significant
	Whisker	Not applicable	60deg C/90% 2000h -55/+85 2000cycle Room Temp. 2000h Whisker is not observed
Chromium (VI)	Does not contain	Does not contain	
Mercury			
Cadmium			
PBB			
PBDE			
MSL LEVEL (IPC/JEDEC J-STD-020D)	LEVEL 3 Need dry package	LEVEL 3 Need dry package	